

RECEIVED
CENTRAL FAX CENTER

JUL 28 2006

Listing of Claims:

1. (currently amended) A method of organizing information executing function in an interactive television system, the method comprising:

associating information each of a plurality of functions of an interactive television system with a room identifier corresponding to a physical room in a home;

displaying an interactive menu displaying [[the]] a plurality of room identifiers;

in response to a selection of a particular room identifier, displaying a plurality of representations with each representation associated with information;

allowing a user to select a representation the function associated with the particular room identifier; and

in response to the representation function being selected, displaying the associated information which is unrelated to any controlling computer device in the home executing the function within the interactive television system rather than the corresponding physical room.

2. (canceled)

3. (canceled)

4. (canceled)

5. (previously presented) The method of claim 1, further comprising:
requiring verification input if the particular room identifier is a restricted room
identifier.

6. (canceled)

7. (currently amended) The method of claim [[2]] 1, further comprising:
~~customizing the selected set of information as a feature in one of the functions.~~

8. (canceled)

9. (currently amended) The method of claim [[2]] 1 wherein additional video is
displayed with a representation ~~associated with a set of information of the feature or~~
~~function.~~

10. (currently amended) The method of claim [[2]] 1 wherein additional text is
displayed with a representation ~~associated with a set of information of the feature or~~
~~function.~~

11. (previously presented) The method of claim 1, further comprising:
creating a personal room function associated with a restricted-access room
identifier in the home.

12. (original) The method of claim 11, further comprising:
activating at least one feature associated with the personal room function.

13. (currently amended) An article of manufacture, comprising:
a ~~machine-readable~~ computer readable medium having stored thereon
instructions to:
associate [[a]] information function with a particular room identifier, the
particular room identifier corresponding to a physical room in a home ~~an environment~~
~~of the interactive television system;~~
provide an interactive menu displaying a plurality of room identifiers including
the particular room identifier;
in response to a selection of the particular room identifier, displaying an option
to select the information function associated with the particular room identifier; and
in response to the information function being selected, displaying the
information which is unrelated to any controlling computer device in the home
~~executing the function within the interactive television system rather than the~~
~~corresponding physical room.~~

14. (currently amended) An apparatus for organizing information executing
function in an interactive television system, the apparatus comprising:

means for associating [[a]] information function with a particular room identifier, the particular room identifier corresponding to a physical room in a home; means for providing an interactive menu displaying a plurality of room identifiers including the particular room identifier; means for responding to a selection of the particular room identifier and displaying an option to select the information function associated with the particular room identifier; and

communicatively coupled to the associating means, means for displaying the information executing the function in response to the information function being selected, the information being unrelated to any controlling computer device in the home function executing within the interactive television system rather than the corresponding physical room.

15. (currently amended) A method of organizing information in an interactive television system, the method comprising:

displaying [[a]] information function that is associated with a particular room identifier, the particular room identifier corresponding to a physical room in a home;

providing an interactive menu displaying a plurality of room identifiers including the particular room identifier;

in response to a selection of the particular room identifier, displaying an option to select the information function associated with the particular room identifier; and

in response to the information function being selected, displaying the information which is unrelated to any controlling computer device in the home

~~executing the function within the interactive television system rather than the corresponding physical room.~~

16. (canceled)

17. (canceled)

18. (canceled)

19. (previously presented) The method of claim ~~15~~, further comprising:
requiring verification input if the particular room identifier is a restricted room
identifier.

20. (canceled)

21. (currently amended) The method of claim ~~[[16]]~~ 15, further comprising:
~~customizing the information a feature in one of the functions.~~

22. (canceled)

23. (currently amended) The method of claim ~~[[16]]~~ 15 wherein additional
video is displayed with ~~the option a representation of the feature or function.~~

24. (currently amended) The method of claim [[18]] 15 wherein additional text is displayed with the option a representation of the feature or function.

25. (previously presented) The method of claim 15, further comprising: creating a personal function associated with a restricted-access room identifier in the home.

26. (original) The method of claim 25, further comprising: activating at least one feature associated with the personal function.

27. (canceled)

28. (canceled)

29. (currently amended) A method of organizing information in an interactive television system, the method comprising:

providing an interactive menu displaying a plurality of room identifiers, each [[the]] room identifiers identifier corresponding to a physical room in a home; in response to a selection of a room identifier, displaying a settings menu with a plurality of functions options, each option associated with corresponding information;

selecting one of the options functions in the settings menu;

if the selected option function corresponds to a personalized room identifier, then requiring a verification input, and if the verification input is valid, then displaying the information corresponding to the selected option activating the selected function;

if the selected option function does not correspond to a personalized room identifier, then displaying the information corresponding to the selected option activating the selected function; and

if the displayed information activated function is customizable, then permitting input of a name for the displayed information activated function and a directory path to an application associated with the activated function,

wherein the displayed information is unrelated to any controlling computer device in the home activated function occurs within the interactive television system rather than the corresponding physical room.

30. (currently amended) An article of manufacture, comprising:

a machine readable computer readable medium having stored thereon instructions to:

provide an interactive menu displaying a plurality of room identifiers, the room identifiers corresponding to physical rooms in a home;

in response to a selection of a room identifier, display a settings menu with a plurality of functions options, each option associated with corresponding information;

select one of the options functions in the settings menu;

if the selected option function corresponds to a personalized room identifier, then require a verification input, and if the verification input is valid, then display the information associated with the option activate the selected function;

if the selected option function does not correspond to a personalized room identifier, then display the information associated with the option activate the selected function; and

if the displayed information activated function is customizable, then permit input of a name for the displayed information activated function and a directory path to an application associated with the activated function,

wherein the displayed information is unrelated to any controlling computer device in the home activated function occurs within the interactive television system rather than the corresponding physical room.

31. (currently amended) An apparatus for organizing information in an interactive television system, the apparatus comprising:

means for providing an interactive menu to display a plurality of room identifiers, the room identifiers corresponding to physical rooms in a home;

means for responding to a selection of a room identifier and displaying a settings menu with a plurality of options functions corresponding to physical rooms, each option having associated information;

communicatively coupled to the means for displaying the settings menu, means for selecting one of the options functions in the settings menu;

communicatively coupled to the means for selecting one of the options functions, means for requiring a verification input if the selected option function corresponds to a personalized room identifier and for displaying the information associated with the selected option activating the selected function if the verification input is valid;

communicatively coupled to the means for selecting one of the options functions, means for displaying the information associated with the selected option activating the selected function if the selected option function does not correspond to a personalized room identifier; and

communicatively coupled to the means for permitting the function, means for permitting input of a name for the displayed information activated function and a directory path to an application associated with the activated function if the displayed information activated function is customizable,

wherein the displayed information is unrelated to any controlling computer device in the home activated function occurs within the interactive television system rather than the corresponding physical room.

32. (canceled)

33. (canceled)

34. (canceled)

35. (currently amended) An apparatus for enabling a user interface in an interactive television system, the apparatus comprising:

a set top box communicatively coupled to a [[the]] display device and capable to transmit television signals to [[a]] the display device, the set top box including a user interface engine capable to display [[a]] information function associated with a particular room identifier, the particular room identifier corresponding to a physical room in a home, the user interface engine further capable to display an interactive menu having a plurality of room identifiers including the particular room identifier and, in response to a selection of the particular room identifier, display an option to select the information which is unrelated to any controlling computer device in the home function;

the set top box further including a controller capable to execute the user interface engine and to display the information execute the function in response to the information function being selected, the executed function occurring within the interactive television system rather than the corresponding physical room.

36. (canceled)

37. (canceled)

38. (canceled)

39. (currently amended) The apparatus of claim 35 [[36]] wherein the user interface engine is capable to check for a verification input if the selected information function is associated with a restricted room identifier.

40. (canceled)

41. (currently amended) An apparatus for enabling a user interface in an interactive television system, the apparatus comprising:

- a remote control device capable to transmit command signals;
- a controller capable to display information execute a function in response to a selection of the information function; and
- a user interface engine executable by the controller in response to command signals from the remote control device to permit access to the information a function associated with a particular room identifier, the particular room identifier corresponding to a physical room in a home, the information unrelated to any controlling computer device in the home,

wherein the executed function occurs within the interactive television system rather than the corresponding physical room.

42. (canceled)

43. (currently amended) An apparatus for providing to a user of an interactive television system, a home-style user interface that is organized according to a plurality of rooms in a home, the apparatus comprising:

a set top box including a storage capable to store information associated with each of a room in the home a plurality of features, the information each feature associated with a room identifier corresponding to the room, the information unrelated to any controlling computer in the home one of the plurality of rooms, the set top box further capable to receive and interpret a command signal and capable to format a television screen layout from the interpreted command signal, the television screen layout including an interactive menu displaying a plurality of room identifiers and associated information features, the set top box capable to transmit the television screen layout, the set top box capable of displaying the information executing a feature based on a received and interpreted command signal indicative of [[a]] the selected information feature, the executed feature occurring within the interactive television system rather than the corresponding room;

a television including a television screen, the television communicatively coupled to the set top box and capable to receive the television screen layout from the set top box and capable to display the television screen layout on the television screen; and

a user input device communicatively coupled to the set top box and capable to detect a user input and capable to convert the user input into the command signal and transmit the command signal to the set top box.

44. (canceled)

45. (canceled)

46. (canceled)

47. (canceled)

48. (canceled)

49. (currently amended) The apparatus of claim 43 wherein the set top box is further capable to update the information about an executable application based upon the command signal received from the user input device.

50. (canceled)

51. (previously presented) The apparatus of claim 43 wherein the set top box is further capable to update the room identifier associated with the room.

52. (previously presented) The apparatus of claim 43 wherein the set top box storage is further capable to store indicia of whether at least one of the plurality of room identifiers is password protected.

53. (previously presented) The apparatus of claim 43 wherein the set top box storage is further capable to store a password associated with one of the room identifiers.
54. (currently amended) The apparatus of claim 43 wherein the set top box is further capable to provide user access to the information each of the plurality of features associated with one of the room identifiers that is password protected, if the interpretation of the command signal received from the user input device results in a determination that the user has entered the password associated with the one of the room identifiers.
55. (canceled)
56. (canceled)
57. (canceled)
58. (canceled)
59. (canceled)
60. (canceled)

61. (canceled)

62. (canceled)

63. (canceled)

64. (canceled)

65. (canceled)

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.